GENERAL INFORMATION THROUGH QUESTION BOX

Killing Out Sassafras Bushes R. C. asks: "How can sassafras ishes be killed out in other ways than grubbing clean?" Clean grubbing grubbing clean?" Clean grubbing i not always kill out sassafras, but ontinued cutting will. When this can e done with the mowing machine it nakes the work less expensive and Now is the time to be very effectual.

work on them. R. M. J.: "Which is the better way to occulate the soil for alfalfa, by cul-res or by using soil from an alfalfa

M. H. Henrico County, asks: "Can wpeas, alfalfa and soy beans be made

with clover they may. They should cut at the same time as for hay However, it is ordinarily pre-as with clover, to make them rather than silage. The fer-as which take place in silage

Many Questions as to Grass

It is, the seeds to use?

It is all the seeds to use?

ture of grass seeds to use?

Is difficult to advise without seet, but as you want a good, clean I would certainly plow it now soon as possible. Then, unless before, apply at rate of 4,900 is of lime to an acre. Also sow pounds of raw bone meal, 500 is acid phosphate and 100 pounds. acid phosphate and 100 pounds particle of potash per acre. At that Cultivate the plowed surface by harrow to clean out all weeds et the surface very level and and the ingredients well mixed. dress is 711 West Broad Street.

recently about sliage. This clip. out from the crack answers each question fully, and skins grow plainer, ugh every one, has been answered, the dried bark fall tely by mail, this may be of help

ice is the best and cheapest form lich a succulent feed can be prolifer, winter use. An acre of grain a placed in the silo at a cost not ding that of sheesting, lusking, link and shredding. Crops can be a the silo during weather that cante used in making hay or curing r, which is an important consider-

ige will produce more milk than one amount when shocked and There is less waste in feeding than in feeding fødder. Good properly fed is all consumed, i addition very palatable. Like succulent feeds it has a beneupon the digestive organs,

AGRICULTURAL DEPARTMEN

Ill receive prompt attention. This department will appear ea Monday, and contributions or suggestions will be welcomed.

Facts for Farmers, Stock Breeders, Poultry Raisers, Orchardists, Truckers and Gardeners---Queries and Answers



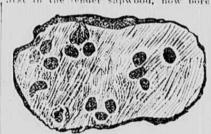
THE CARPENTER WORM

In pany sections poplar and cotton-woods are the first shade trees planted Their beauty, quick growth, and heavy follage make them very useful trees in a new settlement. Later on they are usually replaced by trees of slower growth, which are stronger and more enduring.

In some States, especially Virginia, In many country sections there are long rows of these young clins, strong and sturdy, giving promise of beauti-ful shaded avenues in years to come.

twigs. They form excellent breeding grounds for many varieties of leaf-eating caterpillars and plant-lice. The popular known as Balm of Gilead is particularly objectionable in this way. The clus, on the contrary, are usual-remarkably free from insect posts fall kinds. But during the past few years, the large trunk-boring cater-pillar of the cotton-wood, has spread to the clus, and for some time have been doing an increasing amount of farmers' demonstration agent. J. to the chiral to the chiral amount of funder, gives the above advice, also following formula for seeding: damage to these beautiful young trees the Dutch clover, 100 pounds per ce. Kentucky blue grass, 25 pounds the carpenter worm; a good name, for the chiral to the chiral and the carpenter worm; a good name, for it would be hard to do smoother work to the carpenter worm; a good name, for the chiral to the carpenter worm; a good name, for the chiral to th is per acre. You should call on with gonge and auger than it does or more minute instructions. There there details you should know. His attice of this country, and is common as is 711 West Broad Street. it spreads to the elms and cultivated

> Usually the first sign of its presence in an elm is a most discolored spot around some crack or scar in the beyond the inefeted points. bits of lamp, black sawdust sticking out from the crack. Later on these vicus grow plainer. In a year or two, the dried bark falls away, leaving a ranged hollow in the trunk, more or less filled with hits of dead and partly



smoothing pastures more encountedly that and solitopic crops, unless of the solitopic crops,

Intensive Farming.
As population increases, we are beginning to learn the value of intensive farming, especially on land near a coefficient of pays as high or higher returns an ine labor and money expended as the larger farms. As an example of this a New Jersey truck and fruit farmer fells of four men and two women gathering and marketing in one day 200 hozen ears of green corn and eighty bushels of tomatees, and says that is far farming farmer fell of the work done during last summer. He does not mention the prices received for the days crop, but any farmer can make his own computation from the prices received for the days crop, but have a pretty fair sum of money to show for his investment.

The Colony Hog House, the colon is a local to the business.

The Colony Hog House, the local to use scrap lumber is to build heg houses out of it. If the pays to busines out of it. If the way, it will pay to buy new even at the present high prices and in the constant of four men and two women gathering to the way, it will pay to buy new even at the present high prices and in the constant of four men and two women gathering and marketing in one day 200 hozen ears of green corn and eighty bushels of tomatees, and says that is a fair sample of the work done during last summer. He does not mention the prices received for the days crop, but says farmer can make his own computation from the prices received for the days crop, but says farmer can make his own computation from the prices received for the days crop, but says farmer can make his own computation from the prices received for the days crop, but says farmer can make his own computation from the prices received for the days crop, but says farmer can make his own computation from the prices received for the days crop, but says farmer can make his own computation from the prices received his possibility of remaining the four days crop, but the bushing, once and four for the ways it will buse of it.

The colony House.

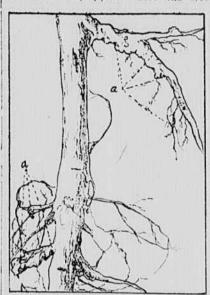
Wh. Cove.

Killing Dandelions.

Gustlere A. When only t

WOOLLY APHIDS CAUSE

GALLS ON APPLE ROOTS habit of collecting in white macres at any point where the tree



with a cloth or sponge soaked in kero-sene. This treatment, although re-quiring personal attention to each in-fested tree, is mose certain of bene-deful results.—J. G. Saunders.

SOME DOUBLE CROPS:

of ground will bring double prout, plying the \$20 per ton goods as he there is, of course, a corresponding would if he applied the \$15 per ton deer into the heart of the tree noney- of a good fertilizer is imperative, lest the productive.

In the garden one may utilize for hich becomes second and even third crops to beds

BRIEF NOTES THOUGHT OUT BY THE WAYSIDE

Having breakfast at 4 o'clock in the morning is a pretty good cure for city relations.

crops apparently never have any holi-They are on the job all of

The Monday morning sun never to the oy on the farm.

not considered championship material until he won from Gama.

Some great wrestlers have been seen in Richmond, but the Strangler is conhines with proper brightness to the boy on the farm.

Do your horses earn enough to pay for their feed and care, and enough to meet the interest, depreciation, and other expenses, as harness costs and

for setting than on the day it is laid

only ones that were making money from their cows were those who read papers which gave information con-cerning their business. In this case "book farming" had some effect—as it invariably does.

It is a good idea to know how to raise fruit, but one of the most import-ant things in connection with it is how to harket it.

gentle mother makes gentle s. When the mother hen is wild and fightly, it is hard to tame

with male birds except during the hatching season.

A band spray pump is a necessity on every farm; useful for watering plants, washing wagons and windows, and whitewashing the poultry-houses in case of a fire breaking out it might

Poreign countries are calling more e for the American product, a gentle hint to the farmers

At a recent international egg laying contest held in Connecticut the cham-pion hen was a White Leghorn, and her record was 282 eggs in a year. There were quite a good many that laid ever 206 eggs in a year.

COAX NITROGEN, DON'T BUY IT

COAX NITROGEN, DON'T BUY IT

It is difficult to get the average farmer to distinguish between the commercial value and the value he commercial value and the value he commercial fertilizers.

In the ficial inquiry into Rock Island affairs, steps to push trust legislation, and failure to confirm the remaining members of the Federal Reserve Board were marshaled as related factors. The Servian crisis confirmed indications of foreign strain long in evidence, such as persistent liquidation of cur securities, withdrawal of gold in Jayment and huge accumulations of in Jayment and huge accumulations of

ing, but it does not follow that the farmer will actually realize twice as structures in the New Haven much from increase of crep from applying the \$20 per ton goods as he holders of American securities

the few pounds of nitrogen added to the goods and for the general farmer depending upon purchased nitrogen to be very expensive and is likely to take the profit from growing a crop.

The \$15 per ton fertilizer if it is applied to a soil which tacks phosphare and is well supplied with the profit form growing a crop. menting pastures more economically large and unsightly. Then some day, in which early peas, beans, radishes small amount of supplementary feed is not one of the early sweet in two and ends it.

An interval of the content of the early sweet is the content of the early sweet.

The same is true of the early sweet.

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RICHMOND, VA. Our Own Resources - - - \$2,700,000.00

Investments Held in Trust - \$5,000,000.00

LEWIS HAS DEFEATED TWO TURKS IN PAST TWO YEARS

Scientific Kentucky Grappler Expects to Bent Hussane at Brond Street Park Thursday Night.

With the speed and skill he possesses, Ed Lewis, the crack Kentucky grappler, known as the supreme scien tific wrestler of the topnotchers, thinks he will defeat Hussane, the "Terrible Turk," at Broad Street Park Thursday night. Lewis has defeated two Turks in the past two years. Big Ali Karna-off was the first one; Garo Osman was the second. Other foreigners defeated by the big Southern boy are Peterson, the Dane, and Roul De Ruen, the French champion. Most every one knows how he won from Gama, the giant East Indian grappier. Lewis was

in Richmond, but the Strangler is considered the peer of them all when it comes to scientific work. This, combined with his clean wrestling, has made him a great favorite with local fans, who want clean matches. The Kentucky boy is training hard for the tough match he is expecting with the "Terrible Turk." Lewis wants to be in the best resulted to the fact the seat that was far the seat that the seat the seat that the seat that the seat that the seat the seat the seat that the seat the seat the seat the seat the seat that the se

Sixty million dollars were lost by the American farmer last year simply because he did not take steps in tune to prevent the deadly hog cholera.

Clean farming, by which is meant the killing of all weeds by thorough cultivation, is important if the best crops are desired.

The Poland-China breed of hogs is saif to have originated in Southwestern Ohio.

An egg is never in better condition

Toght match he is expecting with the wants of the wants to be in the best of Terrible Turk. Lewis wants to be in the best of the bossible shape for the Sultan's speed to the prevent the deadly hog cholera.

The Turk sometimes known as the "Bone-Brenker," can be depended on to give a good account of himself. The fans of Richmond and near-by towns are looking forward to the fastest and most gruelling mat contest seen here in years when the two modern gladiators get togetier Thursday night at \$1.250 acres. The building, souipped with the most approved, modern single desks and furniture, is heated and ventilated by the "American System," the system, "the system," the system, "the system, the system, the sum of furniture, is heated and ventilated by the "American System," the system, "the system, the system of the school architects and furniture, is heated and furniture, is heated and turniture, is heated and turniture, is heated and turniture, is heated and furniture, is heat

COTTON MARKET REVIEW

New Orleans, July 26.—The cotton market last week was a quiet affair right up to the closing session, when sudden activity developed on the rains in Texas, and the unsettled political outlook abroad. The net change in prices for the week was a loss of one point to a gain of one point.

During the greater part of the week the market was sustained by the drought in Texas and Oklahoma. After the middle of the week buying was stimulated to some extent by complaints from the Eastern helt that was

hicks. When the mother hen is wild and fightly, it is hard to tame her oung.

Hens should not be allowed to run eith male birds except during the atching season.

Statistics were against the market and caused moderate selling. The small mill takings and the large visible supply for this time of the year resulted in nuch bearish comment.

This week the trade will be concerned chiefly with the except of the large will be concerned chiefly with the except of the large will be concerned chiefly with the extent of the large will be concerned chiefly with the extent of the plaints from the Eastern belt that not enough rain was falling.

Statistics were against the market and caused moderate selling. The small mill takings and the large visible supply the complex to the plaints from the Eastern belt that not enough rain was falling.

Statistics were against the market and caused moderate selling. The small mill takings and the large visible supply the caused moderate selling.

corned chiefly with the effect of recent rains in Texas, and the condition re-port to be issued by the government on Friday. As sentiment now stands the trade does not look for any grea

WEEKLY FINANCIAL REVIEW

New York, July 28.—Governmental affairs, foreign and domestic, prevailed over other influences in last week's stock market. Circumstantial teperts, alleging that an unfavorable decision in the Elastern freight rate case would be rendered, caused workness. The New Haven suit, rumors of an efficial inquiry into Rock Island af-

With some farmers at least the fertilizer is selected by the price asked
rather than the actual plant food contained in the goods. Some farmers
reason that if a fertilizer costs \$15
per ton it is just worth half as much
as a fertilizer which costs \$30 per
ton, which is true commercially speaking, but it does not follow that the

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P. M., sheepers and concluse Albertage.

Richmond, Fredericksb'g & Potomac R. R. TO AND FROM WASH. NGTON AND BEYOND. Leave Richmond | Arrive Richmond

**5.40 A.M. Byrd St. Stn. **7.50 A.M. Byrd St. Sta. **6.05 A.M. Main St. Stn. 211,25 A.M. Elba Statton. **8.20 A.M. Main St. Stn. 111,35 A.M. Byrd St. Stn. **5.40 A.M. Byrd St. Stn. **11.10 P.M. Main St. Stn. **15.40 P.M. Byrd St. Stn. **42,50 P.M. Byrd St. Stn. **12.01 noon Byrd St. Stn. **42,50 P.M. Byrd St. Stn. **12.01 noon Byrd St. Stn. **7,30 P.M. Byrd St. Stn. **25.00 P.M. Byrd St. Stn. **3.00 P.M. Byrd St. Stn. **3.10 P.M. Byrd St. Stn. **3.10 P.M. Byrd St. Stn. **3.10 P.M. Byrd St. Stn. **5.13 P.M. Bin St. Sta. **12.40 night Byrd St. Stn. **5.13 P.M. Main St. Stn. **12.40 night Byrd St. Stn. **8.20 P.M. Byrd St. Stn. **12.40 night Byrd St. Stn. **8.20 P.M. Byrd St. Stn. **12.40 night Byrd St. Stn. **8.20 P.M. Byrd St. Stn. **12.40 night By

ACCOMMODATION TRAINS-WEEKDAYS. Leave Byrd St. Sta. 4.00 P. M. for Fredericksburg Leave Elba Sta. 7.30 A. M., 6.30 P. M. for Ashland Arrive Byrd St. Stz. 8.25 A.M. from Fredericksb'rg Arrive Elba Sta. 6.30 A.M., 5.42 P.M. from Ashland

*Daily. †Weekdays. ?Sundays only. All trains to or from Ryrd Street Station stop at Elbs. Time of arrivals and departures not guaranteed. Read the signs.

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PREMIER CARRIER OF THE SOUTH.

Trains Leave Richmond-Main St. Station.

N. B.-Following schedule: figures published as infermation and not guaranteed.

For the South-Daily: 5:55 A. M.-Local.

19:15 A. M.-Express. 6:49 P. M.-Express.

with Electric Lighted Sleeping Cars for Atlanta and Birmingham. 11:39 P. M.-Express.

Week Days: 3:99 P. M. and 6:09 P. M.-Express.

Week Days: 3:99 P. M. and 6:09 P. M.-Express.

VORK RIVER LINE.

5:19 P. M.-Steamer train (parlor car), except Sonday; no local stops, and 4:15 P. M.-Daily, Local-Connecting for Baltimore, daily except Sudnay. 7:35 A. M.-Daily-Local.

Trains Arrive Richmond.

From the South: 7:05 A. M. and 8:00 A. M.

2:25 P. M., 8:39 P. M., daily; 8:40 A. M. and 1:09.P. M. Ex. Sun. From Weat Point; 3:43 A. M. (steamer train), daily, except Monday; 8:40 A. M. and 6:5 P. M., daily.

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Chesapeake & Ohio Railway

7:40 A.—Local—Daily—Ch'ville. Ex. Sun.
Thurmond.
19:09 A.—Express—Daily—Norfolk. Old Point.
19:19 A.—Local—Daily—Uchbg, Lex. C. Forge
19:235 Noon—Express—Daily—Norfolk. Old Point.
19:29 P.—Local—Daily—Norfolk. Old Point.
19:09 P.—Local—Ex. Sun. Gordonsville.
19:19 P.—Local—Ex. Sun. Gordonsville.
19:19 P.—Local—Ex. Sun. Gordonsville.
19:19 P.—Express—Daily—Clin. L'ville.
19:19 P.—Express—Daily—Clin. L'ville.
19:19 P.—Express—Daily—Clin. Loulsville.
19:19 A. M., 8:10 P. M. Tirrough from East: 19:15 A. M., 8:10 P. M. 12:09 P. M. Local
19:19 P. M. Through 19:29 A. M., 19:29 P. M. Local
19:20 P. M.
19:20 P. M.

Richmond & Petersburg Electric Ry

Norfolk & Western Railway ONLY ALL RAIL LINE TO UORFOLK.
Schedule in Effect May 19, 1914
Leave Byrd Street Station, Richmond, FOR
NORFOLK: 19:99 A. M., "2:99 P. M., "4:16 M. POR. LYNCHBURG AND THE WEST: 6:15 A. M., 19:59 A. M., *3:79 P. M., *9:29 P. M. Arrive Richmond from Norfolk: *11:40 A. d., *6:35 P. M., *11:39 P. M., From the West: 6:59 A. M., R:19 P. M., \$1:40 P. M., *6:05 P. d., *9:39 P. M.
 *Daily. tDaily except Eunday. [Sunday only.]

T. B. BEVILL. W. C. SAUNDERS
T. M., Roanoke. G. P. A., Roanoke.
C. H. BOSLEY, D. P. A., Richmond, Va. Richmond & Chesapeake Bay Railway Company SCHEDULE EFFECTIVE APRIL 14.

4 P. M., B5:20 P. M., 6:20 P. M., 7:10 M., 8 P. M., H0 P. M., 810 P. M., 11 P. 31
B Carries baggage S Saturdays only
*Daily except Sunday. **Sunday only

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